



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 2  
290 BROADWAY  
NEW YORK, NY 10007-1866

SEP 14 2017

Mr. Lawrence McShea, P.E.  
Project Manager  
Arconic, Inc.  
100 Technical Drive  
New Kensington, PA 15069-0001

Re.: Arconic, Inc. Massena, New York Facility, EPA I.D. No. NYD002232304 (formerly Alcoa, Inc.) Secure Landfill Cell 3 Expansion – Temporary Separation Berm Removal Approval

Dear Mr. McShea:

I am responding to your letter to the U.S. Environmental Protection Agency (EPA) dated September 11, 2017, requesting EPA approval of specific activities prior to final approval of the Certification Report for the expansion Cell 3 of the Secure Landfill to prepare for winter. These activities include the removal of the temporary separation berm and placement of existing Cell 3 waste in the expansion area.

EPA has consulted with the New York State Department of Environmental Conservation (NYSDEC) Region 6 management on the proposal. NYSDEC provided additional clarification with regard to Item 1 in Arconic's description as to the timing of removal of the temporary separation berm. EPA and NYSDEC also discussed Item 5 with regard to the type and inspection of waste material to determine suitability for placement in the expansion area for frost protection purposes.

Accordingly, EPA approves the following activities prior to final approval of the Certification Report:

1. Successfully complete the SLF Cell 3 Expansion clay liner and geosynthetic liner system with CQA concurrence. The temporary separation berm will be removed following completion of the primary and secondary composite liners.
2. Remove the temporary separation berm liner and straw bales.
3. Place 2 feet of granular soil on the Cell 3 bottom restoring the drainage layer that is part of the leachate collection system, tapering out on the 3:1 side slopes per B-203356-JM.
4. Place 2 feet of select waste on the 3:1 side slopes per B-203356-JM.
5. Place 3 feet of existing Cell 3 waste to provide the 5 feet of frost protection. The waste to be used for the 3 feet of frost protection must be "soil" and may be contaminated, but must be free from other types of solid waste, (e.g., steel, construction materials, etc.). If waste is not available, straw will be utilized to accomplish the 5 foot of frost protection depth over the surface area of Cell 3.
6. Apply the winter temporary cover (Posi-Shell product).

Arconic acknowledged in its request that prior to EPA approval of the Certification Report; it proceeds to operate within the Cell 3 Expansion at its own risk.

If you have any questions, please contact me at (212) 637-4109 or via email at [everett.adolph@epa.gov](mailto:everett.adolph@epa.gov), or Nidal Azzam, Chief of our Base Program Management Section, at (212) 637-3748 or via email at [azzam.nidal@epa.gov](mailto:azzam.nidal@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Adolph S. Everett', written in a cursive style.

Adolph S. Everett  
Chief, Hazardous Waste Programs Branch

cc: Peter R. Taylor, NYSDEC Region 6 Headquarters